

Magister molekulske biologije/magistrica molekulske biologije

Selected qualifications

Name of qualification	Magister molekulske biologije/magistrica molekulske biologije
Translated title (no legal status)	Master of Science in molecular biology
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

- A completed first-cycle academic higher education programme in biology consisting of 180 credits, either in Slovenia or abroad; or
- a completed first-cycle academic study programme in another field, either in Slovenia or abroad, if the candidate additionally completes 10–60 credits in subjects from the first-cycle academic study programme in Biology; these credits are determined with reference to how different the field is and are defined for each candidate separately by the competent studies committee; the candidate must pass these additional examinations before enrolling in the master's programme; or
- a completed professional higher education programme in biology consisting of 180 credits, under the former system or the present system, either in Slovenia or abroad; or
- a completed professional higher education programme in another field, under the former system or the present system, either in Slovenia or abroad, if the candidate additionally completes 10–60 credits in subjects from the first-cycle academic study programme in Biology; these credits are determined with reference to how different the field is and are defined for each candidate separately by the competent studies committee; the candidate must pass these additional examinations before enrolling in the master's programme.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield biologija

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- postulate, understand and creatively address problems, principles and theories,
- think critically, analytically and synthetically,
- demonstrate mastery of practical and general skills related to the field of work,
- show a sense of professional and ethical responsibility,
- develop linguistic and numerical literacy,
- demonstrate familiarity with the technical terminology of the field,
- use information and communication technologies,

(subject-specific competences)

- demonstrate mastery of theoretical and practical knowledge about the universality of life processes and the numerous variants that exist as a result of various ecological niches, and their molecular and structural relationships and genetic diversity,
- demonstrate understanding of physiology, systematics, evolution of organisms and processes of development and exploitation for biotechnological purposes,
- demonstrate mastery of new approaches to addressing biological problems.

Assessment and completion

Examination performance is graded as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5-1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

Progression

Students may enrol in the next year if by the end of the academic year they have completed all course units prescribed by syllabuses and accumulated at least 60 credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must complete all prescribed course units, for a total of 120 credits.

Awarding body

University of Ljubljana, Faculty of Bioengineering

URL

<http://www.bf.uni-lj.si/en/>
